



### REMARKS

1. Claim 36 was withdrawn from consideration, but it depends from allowable Claim 33 (Claim 33 was objected to). Allowance of Claim 36 is respectfully requested. Note MPEP 806.04(d), last paragraph.

Likewise, Claims 48-50 depend from allowable Claim 42, and Claims 71-74 depend from allowed Claim 68. Allowance of Claims 48-50, 71-74 is respectfully requested.

2. Claims 1, 2, 5, 8, 9, 30-32, 39-41, 52, 60 were rejected under 35 U.S.C. 102 over Hisamoto et al. (U.S. patent no. 5,246,877).

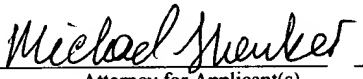
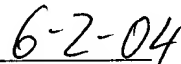
The status of each claim and its treatment in this amendment are shown in the following table. The patentability reasons are given in the last column.

Claim No.	Status before this amendment	Amendments and Patentability Reasons
1, 2	Rejected	Canceled
3, 4	Objected to	Re-written as independent
5	Rejected	Made dependent from 3, which was objected to
6, 7	Objected to	Re-written as independent
8	Rejected	Made dependent from 4, which was objected to
9	Rejected	Unchanged. Depends from 8
10	Objected to	Re-written as independent
11	Objected to	Unchanged. Depends from 10
12	Objected to	Re-written as independent.
13-19	Canceled	
20-22	Allowed	Unchanged
23-29	Canceled	

<b>Claim No.</b>	<b>Status before this amendment</b>	<b>Amendments and Patentability Reasons</b>
30, 31	Rejected	Made dependent from 6, which was objected to
32	Rejected	Made dependent from 7, which was objected to
33	Objected to	Re-written as independent
34, 35	Objected to	Unchanged. Depend from 33
36	Withdrawn	Depends from 33, which was objected to. Allowance is requested
37, 38	Withdrawn	Canceled
39	Rejected	Made dependent from 4, which was objected to
40	Rejected	Made dependent from 7, which was objected to
41	Rejected	Made dependent from 6, which was objected to
42	Objected to	Re-written as independent
43-47	Objected to	Unchanged. Depend from 42
48-50	Withdrawn	Depend from 42, which was objected to. Allowance is requested
51	Withdrawn	Canceled
52	Rejected	Made dependent from 6, which was objected to
53	Objected to	Made dependent from 3 and amended so that its scope remains unchanged
54-59	Objected to	Unchanged. Depend from 4
60	Rejected	Made dependent from 4, which was objected to
61, 62	Objected to	Re-written as independent
63-70	Allowed	Unchanged
71-74	Withdrawn	Depend from 68, which was allowed. Allowance is requested
75-80	Allowed	Unchanged

Claim No.	Status before this amendment	Amendments and Patentability Reasons
81, 82	None	New claims, depend from respective Claims 3 and 6, which were objected to. Support is given in specification, page 7, lines 24-28
83	None	New claim, combines the language of Claims 4 and 6, which were objected to

Any questions regarding this case can be addressed to the undersigned at the telephone number below.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 2, 2004.	
 Attorney for Applicant(s)	 Date of Signature

Respectfully submitted,



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